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# INFORMATION REPORT INFORMATION REPORT

## CENTRAL INTELLIGENCE AGENCY

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COUNTRY USSR (Kalinin Oblast)

REPORT

SUBJECT 1. Joint Institute for Nuclear Research in the USSR

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1. A one-page report on the Joint Institute for Nuclear Research in the USSR

contains general information on the type of research conducted at the institute, and the synchrophasotron found at the institute.

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Comment:

This material describes parts of the synchrophasotron under construction at the Joint Institute for Nuclear Research.

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*Subj* Joint Institute for Nuclear Research

In the young town of DUBNA, which has risen where formerly the village of IVANKOVO stood, not far from the MOSCOW Sea, the Joint Institute for Nuclear Research carries out its activities. The most prominent representatives of scientific thought in the States, who are members of this Institute, will carry out here theoretical and experimental research in the field of nuclear physics.

2. The Institute has been provided with the most abundant technical basis. The Soviet State freely endowed it with first class equipment together with laboratories, buildings and other material treasures to a total value of more than half a milliard roubles. Among these is operating a cyclotron, which is the largest accelerator in the world of that type, in which the energy transmitted to the protons reaches 680 million electrovolts, and also the unique synchrophasotron, which is at present being perfected, and which is calculated to increase the speed of protons up to an energy of 10 milliard electrovolts, and which will thus be the most powerful accelerator in the world.

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